

Converting Colors

Yxy(69.4110, 0.3164, 0.3028)

Have a look what the booklet for
Yxy(69.4110, 0.3164, 0.3028)
contains.

Yxy(69.5460, 0.3162, 0.3029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.5460, 0.3162, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	EDD1EA
RGB	237, 209, 234
RGB Percent	93%, 82%, 92%
CMY	0.0703, 0.1805, 0.0823
CMYK	0.00, 0.12, 0.01, 0.07
HSL	307°, 44%, 87%
HSV	307°, 12%, 93%
XYZ	72.5997, 69.5460, 87.4548
YIQ	220.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

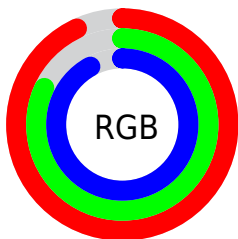
Format	Color
RYB	237, 209, 234
Decimal	15585770
CIELab	86.77, 14.07, -8.71
CIELCh	87, 16.546, 328.218
Yxy	69.5460, 0.3162, 0.3029
Android (android.graphics.Color)	4293775850 (0xFFEDD1EA)
YUV	220.2220, 6.7926, 14.7143
Hunter-Lab	83.3942, 9.4550, -3.8010

Details

The Yxy color **69.5460, 0.3162, 0.3029** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.9239, 0.3094, 0.3566**, and the grayscale version is **71.6886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4808, 0.3171, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **58.6226, 0.3195, 0.2802**, and if you desaturate by 10%, it is **82.2086, 0.3132, 0.3250**.

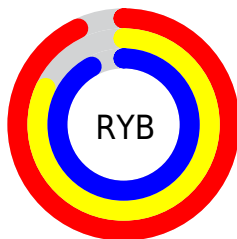
Distribution



Red (93%)

Green (82%)

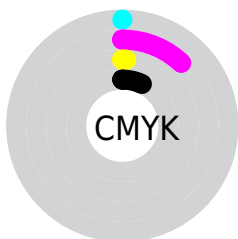
Blue (92%)



Red (93%)

Yellow (82%)

Blue (92%)

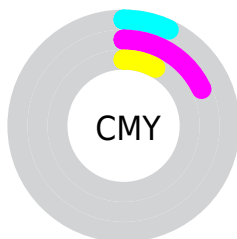


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (7%)



Cyan (7%)


Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5460, 0.3162, 0.3029 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 69.5460, 0.3162, 0.3029 by changing the saturation by 10% instead.


 69.5460, 0.3162,
0.3029

 69.5460, 0.3162,
0.3029


458.9543, 0.3147,
0.3148

 51.1565, 0.3165,
0.3002

118.5611, 0.3157,
0.3070

 36.3332, 0.3169,
0.2969


149.9555, 0.3155,
0.3086

 24.6916, 0.3174,
0.2927


186.4536, 0.3153,
0.3100

 15.8475, 0.3180,
0.2873

228.4399, 0.3152,
0.3112

 9.4163, 0.3187,
0.2801

276.2987, 0.3150,
0.3123

 5.0137, 0.3196,
0.2697

330.4144, 0.3149,

 2.2553, 0.3209,

0.3132

0.2539

391.1715, 0.3148,
0.3141

0.7499, 0.3230,
0.2253

0.0000, 0.0173,
0.0000

69.5460, 0.3162,
0.3029

69.5460, 0.3162,
0.3029

58.6226, 0.3195,
0.2802

82.2086, 0.3132,
0.3250

49.3531, 0.3232,
0.2576

95.7821, 0.3107,
0.3447

41.6587, 0.3272,
0.2359

95.9360, 0.3092,
0.3421

35.4505, 0.3314,
0.2160

96.0921, 0.3077,
0.3395

■ 30.6307, 0.3358,
0.1989

■ 96.2504, 0.3063,
0.3370

■ 27.0901, 0.3400,
0.1855

■ 96.4109, 0.3048,
0.3344

■ 24.7029, 0.3442,
0.1764

■ 96.5736, 0.3034,
0.3318

■ 23.3177, 0.3480,
0.1717

■ 96.7386, 0.3020,
0.3293

■ 22.7351, 0.3509,
0.1707

■ 96.7590, 0.3018,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.5460, 0.2962, 0.2957



69.5460, 0.3162, 0.3029



69.5460, 0.3358, 0.3165

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5460, 0.3162, 0.3029



69.5460, 0.3449, 0.3616



69.5460, 0.2774, 0.3227

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.5460, 0.3162, 0.3029



78.9239, 0.3094, 0.3566

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.5460, 0.2897, 0.3416



69.5460, 0.3162, 0.3029



69.5460, 0.3285, 0.3646

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



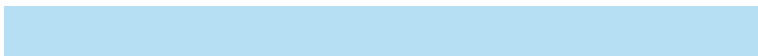
69.5460, 0.3162, 0.3029



69.5460, 0.3527, 0.3500



69.5460, 0.3083, 0.3573



69.5460, 0.2743, 0.3063

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5460, 0.3162, 0.3029



69.5460, 0.3458, 0.3277



69.5460, 0.3083, 0.3573



69.5460, 0.2806, 0.3290

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.5490, 0.3162, 0.3029



93.5925, 0.3138, 0.3203



65.6727, 0.2959, 0.2981



19.7829, 0.3141, 0.3186



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5490, 0.3162, 0.3029



79.0518, 0.3169, 0.2980



68.7861, 0.3259, 0.3171



15.2839, 0.3155, 0.3083



12.4146, 0.3504, 0.1704



0.9829, 0.3458, 0.1678

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.5490, 0.3162, 0.3029



79.0518, 0.3169, 0.2980



79.6508, 0.3011, 0.3412



15.2839, 0.3155, 0.3083



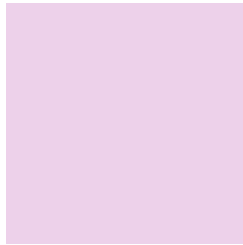
12.4146, 0.3504, 0.1704



0.9829, 0.3458, 0.1678

Previews

White Background



This preview shows how the Yxy color 69.5460, 0.3162, 0.3029 looks on a white background.

Color Contrast Check

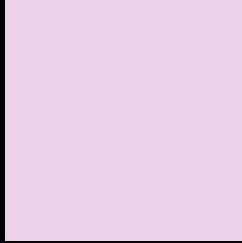
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 69.5460, 0.3162, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

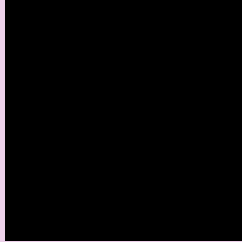
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5460, 0.3162, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 69.5460, 0.3162, 0.3029.



This preview shows how white text looks on a background with the Yxy color 69.5460, 0.3162, 0.3029.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.5460, 0.3162, 0.3029

Protanopia

69.7319, 0.2976, 0.3052

Deuteranopia

69.5180, 0.3117, 0.3047



Tritanopia

69.4721, 0.3202, 0.3111

Trichromacy



Original Color

69.5460, 0.3162, 0.3029

Protanomaly

69.3909, 0.3039, 0.3033

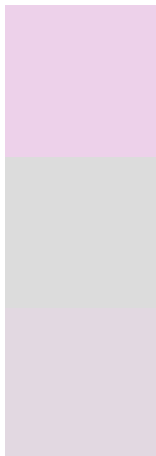
Deuteranomaly

69.3573, 0.3132, 0.3038

Tritanomaly

69.6392, 0.3181, 0.3080

Monochromacy



Original Color

69.5460, 0.3162, 0.3029

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7167, 0.3139, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5460, 0.3162, 0.3029 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 209, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 209, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 209, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 209, 234) }
```

Border

The CSS property to change the border of an element to Yxy 69.5460, 0.3162, 0.3029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 209, 234) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 209, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 209, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 209, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 209, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 209,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5460, 0.3162, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 209, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
209, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor